

IN THE CLAIMS

The following is a current listing of all the claims. This listing replaces all earlier amendments and listings of the claims, and follows the new format authorized by the U.S. P.T.O. as of December 2002.

Please amend claim 51 to read as follows:

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51. (Currently Amended) An image forming apparatus comprising:  
a display panel ~~for displaying~~ adapted to display an image;  
a pulse width modulation signal generator ~~for generating a pulse width modulation signal based on a clock signal and an image signal~~ adapted to input digital data corresponding to the image and a clock signal, and to count the clock signal for the digital data to generate a pulse width modulation signal for driving to drive the display panel; and  
a clock generator ~~for generating~~ adapted to generate the clock signal,  
wherein said clock generator is provided with a memory for storing a plurality of items of data and said clock generator is arranged to generate the clock signal in accordance with one of the items of data read from the memory in synchronism with a reference clock signal.
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cont

52. (Previously Added) The apparatus according to Claim 51, wherein said clock generator comprises a counter for inputting and counting the reference clock signal to supply an address signal of the memory and a latch circuit for latching the data read from the memory in accordance with the address signal.

53. (Previously Added) The apparatus according to Claim 51, wherein said clock generator comprises a plurality of flip-flops connected in series for storing the data and outputting the data in series as the clock signal in synchronism with the reference clock signal.

54. (Previously Added) The apparatus according to Claim 51, further comprising a system controller for selecting the one of the plurality of items of data.

55. (Previously Added) The apparatus according to Claim 51, wherein the data is for performing an inverse gamma conversion.

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56. (Previously Added) The apparatus according to Claim 51, wherein the data is for improving the tonality representation characteristics of image data at low luminance.

57. (Previously Added) The apparatus according to Claim 51, wherein said display panel comprises a vacuum container which accommodates a substrate on which a plurality of electron sources are provided and an image forming member for forming an image by electrons emitted by the plurality of electron sources.